

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:
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REC'D 22 MAR 2005

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WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing (day/month/year) 16 MARCH 2005 (16.03.2005)

Applicant's or agent's file reference PCT04-056	FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/KR2004/003162	International filing date (day/month/year) 02 DECEMBER 2004 (02.12.2004)	Priority date(day/month/year) 02 DECEMBER 2003 (02.12.2003)
International Patent Classification (IPC) or both national classification and IPC IPC7 H04Q 7/26		
Applicant Moimstone co., Ltd. et al.		

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer YOU, Hwan Cheol Telephone No. 82-42-481-5743	
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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2004/003162

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- a sequence listing
 table(s) related to the sequence listing

b. format of material

- in written format
 in computer readable form

c. time of filing/furnishing

- contained in the international application as filed.
 filed together with the international application in computer readable form.
 furnished subsequently to this Authority for the purposes of search.

3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/KR2004/003162

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-15	YES
	Claims	NONE	NO
Inventive step (IS)	Claims	NONE	YES
	Claims	1-15	NO
Industrial applicability (IA)	Claims	1-15	YES
	Claims	NONE	NO

2. Citations and explanations :

Reference is made to the following documents:

D1: KR 2003-62615 A

D2: KR 2001-61383 A

The present invention relates to an instant messenger service system having an IP(Internet protocol)-PBX(Private Branch Exchange) for providing an instant messenger function and Internet terminal for use therewith.

According to the claims 1-15, an instant messenger service system composes of an IP-PBX having an instant messenger server, an internet terminal and LAN etc.

D1 relates to a private UMS(Unified Messaging System) using the extension numbers of a PBX is provided to offer UMS service to extension subscribers using the PBX.

D2 relates to an unified messaging method in a private network is provided to store an unified message as corresponding single mail box numbers endowed each user, and to receive the message by a single terminal.

In the view of the teachings of citations D1-D2 taken in combination, these citations disclose all of the features of the present invention claims 1-15. In fact, UMS server of D1/D2 is very similar with an instant messenger server. The present invention and D1-D2 taken in combination are very similar in view of providing a messenger service using an IP-PBX and a messenger server. Therefore, the claims 1-15 of the present invention do not involve an inventive step in the sense of Article 33(3) PCT.

But, the claims 1-15 of the present invention seem to be novel(Article 33(2) PCT). The industrial applicability of the claims 1-15 is self-evident in the sense of Article 33(4) PCT.